STIC Biotechnology Systems Branch

PCT/10

#2

CRF Problem Report

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 10/529,157
Filing Date: 3/24/05
Date Processed by STIC: 4/4/05

STIC Contact: **Mark Spencer: Telephone: 571-272-2510; Fax: 571-273-0221**

Nature of Problem:

The CRF (was):

____ (circle one) Damaged or Unreadable (for Unreadable, see attached)
____ Blank (no files on CRF) (see attached)
____ Empty file (filename present, but no bytes in file) (see attached)
____ Virus-infected. Virus name: _____ The STIC will not process the CRF.
✓ Not saved in ASCII text (see attached)
____ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.
____ Did not contain a Sequence Listing. (see attached sample)
____ Other:

PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM TO REDUCE ERRORS. SEE BELOW FOR ADDRESS:

http:/www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service**: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):** U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

see item 9 below 4

Raw Sequence Listing Error Summary

ERROR DETECTED **SUGGESTED CORRECTION** **SERIAL NUMBER:** 10/529,157

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4	Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9 ✓	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

10/529,157 submitted file was not saved in ASCII text, required by Sequence Rules

2

These are prior data

Do not save sequence listing files in "PDF" format.

SEQUENCE LISTING

<110> JOHNSON & JOHNSON MEDICAL LIMITED

<120> ENZYME-SENSITIVE THERAPEUTIC WOUND DRESSING

<130> P031972WO

<1507> <140> delete PCT/GB03/04250

<1517> <141> 2003-10-01

delete

<150> GB 0222722.1

<151> 2002-10-01

<160> 23

<170> SeqWin99, version 1.02

<210> 1
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 1
Lys Gly Ala Ala Ala Lys
1 5

<210> 2
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 2
Ala Ala Pro Val
1

<210> 3
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 3
Ala Ala Pro Leu
1

<210> 4
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 4
Ala Ala Pro Phe
1

<210> 5
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 5
Ala Ala Pro Ala
1

<210> 6
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 6
Ala Tyr Leu Val
1

<210> 7
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by a matrix metalloprotease

<400> 7
Gly Pro Xaa Gly Pro Xaa
1 5

all Xaa's need explanation (see p. 4 for Error Summary Report)

<210> 8
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by a matrix metalloprotease

<400> 8
Gly Pro Leu Gly Pro Xaa
1 5

These errors appear in subsequent sequences.

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

<210> 9
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by a matrix metalloprotease

on <2227 line,

<221> MOD_RES
<222> ~~Cysteine residue~~ (4)..(4) ← give location of residue
<223> Methylation

(see 1.823 of Sequence Rules)

<400> 14
Pro Leu Gly Cys His
1 5

<210> 15
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by collagenase

<400> 15
Pro Leu Gly Leu Trp Ala
1 5

<210> 16
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by collagenase

<400> 16
Pro Leu Ala Leu Trp Ala Arg
1 5

<210> 17
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by collagenase

<400> 17
Pro Leu Ala Tyr Trp Ala Arg
1 5

<210> 18
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by gelatinase

<400> 18
Pro Leu Gly Met Trp Ser Arg
1 5

<210> 19
<211> 4
<212> PRT
<213> Artificial Sequence

P031972WO Sequences for Listing:

Lys-Gly-Ala-Ala-Ala-Lys
Ala-Ala-Pro-Val
Ala-Ala-Pro-Leu
Ala-Ala-Pro-Phe
Ala-Ala-Pro-Ala
Ala-Tyr-Leu-Val

Gly-Pro-Y-Gly-Pro-Z
Gly-Pro-Leu-Gly-Pro-Z
Gly-Pro-Ile-Gly-Pro-Z
Ala-Pro-Gly-Leu-Z

Pro-Leu-Gly-Pro-D-Arg-Z — Assume D = Asn (see page 9, line 2).
Pro-Leu-Gly-Leu-Leu-Gly-Z
Pro-Gln-Gly-Ile-Ala-Gly-Trp
Pro-Leu-Gly-Cys(**Me**)-His
Pro-Leu-Gly-Leu-Trp-Ala
Pro-Leu-Ala-Leu-Trp-Ala-Arg
Pro-Leu-Ala-Tyr-Trp-Ala-Arg

Pro-Leu-Gly-Met-Trp-Ser-Arg

Gly-Arg-Gly-Asp
Gly-Arg-Gly-Asp-Asn-Pro
Gly-Arg-Gly-Asp-Ser
Gly-Arg-Gly-Asp-Ser-Pro-Lys

Pro-Tyr-Ala-Tyr-Trp-Met-Arg

TOTAL : 23 SEQUENCES

All artificial sequences.

Three a/a sequences ignored.

delete

do not include this section in the sequence listing